

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000276.D
 Acq On : 12 Mar 2018 13:48
 Operator : JC/MD
 Sample : VX0312WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:41 AM

Quant Time: Mar 13 04:58:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	123655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	207910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77431	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.52	113	61147	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	8.73	98	245178	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	11.15	95	94109	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23485	17.43	ug/l	98
3) Chloromethane	1.32	50	25093	19.08	ug/l	98
4) Vinyl Chloride	1.41	62	29145	19.01	ug/l	100
5) Bromomethane	1.64	94	26439	15.85	ug/l	97
6) Chloroethane	1.73	64	19817	20.45	ug/l	97
7) Trichlorofluoromethane	1.93	101	50699	19.93	ug/l	100
8) Diethyl Ether	2.20	74	18003	19.29	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27193	19.14	ug/l	99
10) Methyl Iodide	2.52	142	23600	17.98	ug/l	99
11) Tert butyl alcohol	3.08	59	53563	85.04	ug/l	99
12) 1,1-Dichloroethene	2.38	96	25323	19.42	ug/l	95
13) Acrolein	2.30	56	36415	109.97	ug/l	100
14) Allyl chloride	2.73	41	44235	18.36	ug/l	97
15) Acrylonitrile	3.16	53	105352	96.11	ug/l	100
16) Acetone	2.45	43	113575	92.26	ug/l	99
17) Carbon Disulfide	2.57	76	62747	17.56	ug/l	97
18) Methyl Acetate	2.79	43	50071	19.10	ug/l	97
19) Methyl tert-butyl Ether	3.22	73	91653	19.73	ug/l	97
20) Methylene Chloride	2.87	84	27979	19.06	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27387	19.09	ug/l	98
22) Diisopropyl ether	3.89	45	68937	16.66	ug/l	97
23) Vinyl Acetate	3.84	43	321424	80.61	ug/l	99
24) 1,1-Dichloroethane	3.70	63	44024	17.36	ug/l	98
25) 2-Butanone	4.72	43	131900	86.82	ug/l	99
26) 2,2-Dichloropropane	4.60	77	34778	18.76	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	25087	18.45	ug/l	100
28) Bromochloromethane	5.04	49	22242	20.63	ug/l #	98
29) Tetrahydrofuran	5.18	42	82030	85.97	ug/l	99
30) Chloroform	5.23	83	45093	18.39	ug/l	97
31) Cyclohexane	5.59	56	33963	18.11	ug/l #	92
32) 1,1,1-Trichloroethane	5.51	97	38728	18.22	ug/l	99
36) 1,1-Dichloropropene	5.81	75	32620	17.63	ug/l	99
37) Ethyl Acetate	4.88	43	46530	17.40	ug/l	98
38) Carbon Tetrachloride	5.79	117	32650	17.44	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	38668	17.03	ug/l	99
40) Benzene	6.15	78	95183	17.84	ug/l	95
41) Methacrylonitrile	5.07	41	22716	16.67	ug/l	99
42) 1,2-Dichloroethane	6.21	62	38696	18.49	ug/l	100
43) Isopropyl Acetate	6.48	43	66004	17.08	ug/l	100
44) Trichloroethene	7.23	130	26779	17.54	ug/l	97
45) 1,2-Dichloropropane	7.52	63	24505	18.13	ug/l	94
46) Dibromomethane	7.68	93	18797	17.58	ug/l	96
47) Bromodichloromethane	7.91	83	34412	18.30	ug/l	99
48) Methyl methacrylate	7.79	41	32649	17.15	ug/l	97
49) 1,4-Dioxane	7.77	88	14807	342.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	252691	86.61	ug/l	99
52) Toluene	8.79	92	65706	17.97	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	39402	17.78	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	37996	17.72	ug/l	93
55) 1,1,2-Trichloroethane	9.23	97	27820	18.78	ug/l	97
56) Ethyl methacrylate	9.20	69	39562	17.85	ug/l	95
57) 1,3-Dichloropropane	9.38	76	44197	17.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	114515	102.33	ug/l	99
59) 2-Hexanone	9.51	43	213697	85.90	ug/l	99
60) Dibromochloromethane	9.59	129	26124	16.73	ug/l	99
61) 1,2-Dibromoethane	9.68	107	29649	18.03	ug/l	99
64) Tetrachloroethene	9.34	164	26529	18.15	ug/l	97
65) Chlorobenzene	10.15	112	77874	18.46	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	25672	17.80	ug/l	99
67) Ethyl Benzene	10.26	91	131998	17.93	ug/l	98
68) m/p-Xylenes	10.37	106	103853	36.65	ug/l	100
69) o-Xylene	10.71	106	49393	18.14	ug/l	97
70) Styrene	10.72	104	82114	18.18	ug/l	99
71) Bromoform	10.87	173	19997	15.86	ug/l #	98
73) Isopropylbenzene	11.02	105	134589	17.74	ug/l	100
74) N-amyl acetate	6.48	43	66004	17.01	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	48496	18.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	42737m	17.60	ug/l	
77) Bromobenzene	11.26	156	34160	17.42	ug/l	94
78) n-propylbenzene	11.37	91	162692	18.23	ug/l	97
79) 2-Chlorotoluene	11.43	91	91941	18.26	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	114253	18.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	12037	15.18	ug/l #	86
82) 4-Chlorotoluene	11.52	91	112243	18.33	ug/l	97
83) tert-Butylbenzene	11.78	119	112738	18.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	118376	18.18	ug/l	100
85) sec-Butylbenzene	11.96	105	144657	18.56	ug/l	98
86) p-Isopropyltoluene	12.07	119	126388	18.39	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	67126	18.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	70527	18.05	ug/l	97
89) n-Butylbenzene	12.40	91	119872	18.11	ug/l	99
90) Hexachloroethane	12.60	117	18232	16.46	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	65641	17.78	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12325	16.50	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47871	17.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	19132	17.12	ug/l	98
95) Naphthalene	13.84	128	169783	18.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	48143	18.12	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

